

**LP-N24 V2.0 2.4 GHz Wireless-N Broadband Router and/or Access Point (AP).**

LPN24V2\_SS\_ENB01W

# N24 V2.0

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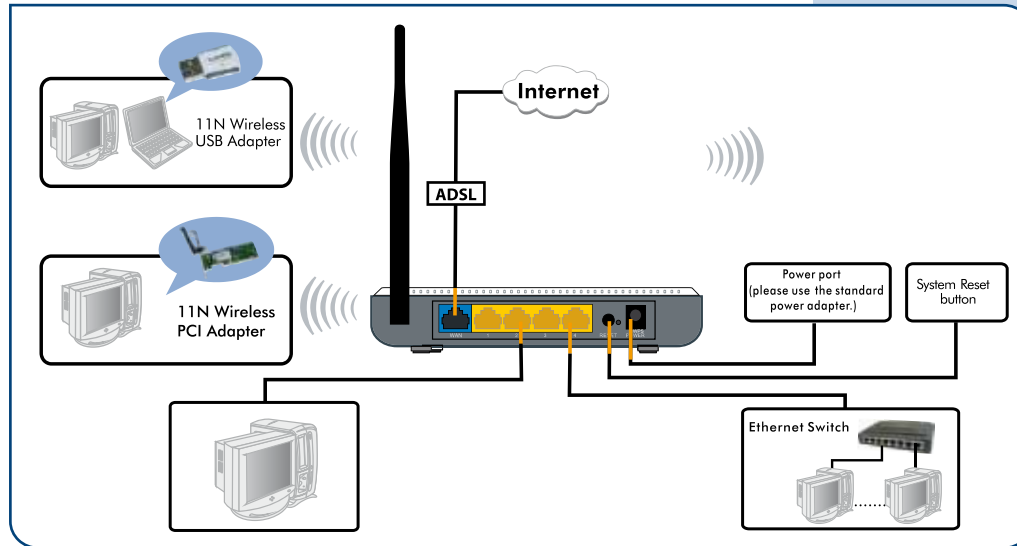
### 2.4 GHz Wireless-N Broadband Router and/or Access Point (AP).

The LP-N24 V2.0 is a versatile product that includes a wireless Access point (AP), a router, a four port switch and a Firewall, all in one, that increases the transmission speed more than three-fold compared to the ordinary 802.11g products. It is compatible with the IEEE802.11n (Draft 4.0) and IEEE803.11g/b standards, and suited for SOHO and family networking.

This router creates a high speed and absolutely secure wireless networking environment to connect computers with an on-line gaming platform and/or for sharing photos, files, music, video, printers, etc., becoming the ideal choice for SOHOs to enjoy the networking activities.



Features	
*Includes router, wireless access point, four-port switch and firewall in one.	*Supports wireless Roaming technology and ensures high-efficient wireless connections.
*Provides up to 150Mbps uploading and downloading speed.	*Supports auto negotiation/manual mode for 802.11b/802.11g/802.11n.
*Supports two WPS (Wi-Fi Protected Setup) encryption methods: PBC and PIN.	*Supports UPnP and DDNS.
Disable broadcast SSID(suppress SSID); Wireless Isolation	*Supports Firefox 1.0, IE5.5 or above.
*Compliant to IEEE802.11n, IEEE802.11g, IEEE802.11b, IEEE802.3 and IEEE802.3u standards.	*Supports SNMP.
*Supports far-distance transmission, 100 meters indoor, 400 meters outdoor (depends on the surrounding environment).	*Supports virtual server, DMZ host.
*Supports 64/128-bit WEP encryption, WPA and the latest WPA2 encryption security authentication.	*Built-in firewall for hacker's attack prevention.
*Supports RTS/CTS protocol and data partitioning function.	*Supports DHCP server/client.
*Provides one 10/100Mbps Auto-Negotiation Ethernet WAN ports for WAN connection.	*Supports auto wireless channel selection.
*Provides four 10/100Mbps Auto-Negotiation Ethernet LAN ports for LAN connections.	*Supports the control over LAN access to Internet.
*Supports xDSL/Cable MODEM, static and dynamic IP in community networking.	*Provides syslog to record the status of the router.
*Supports remote/local Web management.	*Supports WDS wireless network extension. (Only with LP-N24 V2.0 equipment).
*Supports WMM to better smooth your voice and video.	*Supports for Bandwidth control QoS function.
*Supports SSID stealth mode and access control based over MAC address (up to 10 entries).	*5 dBi high-gain Omni Directional antenna for increased wireless coverage.
*Supports Auto MDI/MDIX.	*Quick Installation Guide.

**A Typical applications****B Specifications****HARDWARE**

Input Voltage Range power adaptor	AC 110~240V
Output Voltage Range power adaptor	9V~1000mA
RF Power output	20dbm (100mW)
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 70°C
Operating Humidity	10% ~ 90% RH non-condensing
Storage Humidity	5% ~ 90% RH non-condensing
Antenna	One detachable external antenna
Frequency Range	2.4GHz-2.5GHz
EVM	-30dB
Sensitivity	54M:-74dBm@10% PER; 11M:-85dBm@8% PER; 6M:-88dBm@10% PER; 1M:-90dBm@8% PER.
Outdoor	400m
Indoor	100m
WLAN→LAN	93Mbps
WLAN→WAN	93Mbps
Frequency Range	2.4GHz
Antena Gain	5dBi
Nominal Impedance	50 Ohm
Polarization	Linear; Vertical
Vertical Beamwidth	360°

**SOFTWARE**

DHCP	Yes
IP Address	192.168.0.1
User Name\Password	none
DHCP by default	enable
Connection Mode by default	Dynamic IP
SSID by default	LANPRO LPN24V2
DHCP Pool Range	192.168.0.100-192.168.0.150
Dynamic IP	Yes
Static IP	Yes
PPPOE	Yes
PPTP	Yes
L2TP	Yes

**OTHER**

CE	Yes
3C	Yes
ROHS	Yes
Standards and Protocols Supported	IEEE802.11n/IEEE802.11g/ IEEE802.11n(Draft2.0)
Three-step-installation Suggestion	1. Follow the instructions on Quick Installation Guide to connect your cables; 2. Insert the included CD-ROM into the CD-ROM drive of your computer; 3. Use the Setup Wizard in CD-ROM to install the device.
Network browser	Internet Explorer 5.5\Firefox 1.0 or higher.
Equipment	CD-ROM
Network Adapter	Yes
Power Supply	Yes
Quick Installaiton Guide	Yes
CD-ROM	Yes

**C How to order**

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